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CENTRAL INTELLIGENCE AGENCY

REPORT

50X1-HUM

# INFORMATION REPORT

CD NO.

COUNTRY Czechoslovakia

DATE DISTR. 23 Oct. 1950

SUBJECT Factories of the Bata Complex

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FRANCE 001 EVALUATION 50X1-

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Bata Gottwaldov (Zlin) Works\*

1. The works employ 22,000 men, of whom 6,000 work in the machine shops and 800 in the foundry. Work is done in two shifts, with the exception of the foundry and the rubber works, where three shifts are employed. The works produce 11,000 pairs of shoes and 5,000 tires daily, as well as triangular section rubber driving belts, flat driving belts, rubber insulated flooring, and stockings. The machine shops produce machinery and machine tools for rubber working, shoemaking, etc. These machines and machine tools are partly for the use of other departments of the Bata complex, and partly for sale. Eighty percent of the goods produced are for export to the USSR, 10% for internal consumption and for export to satellite countries, and 10% for export to the West.
2. Raw rubber is obtained [redacted] in small quantities 50X1-HUM from the USSR. Reclaimed rubber is obtained from the Eastern Zone of Germany. Iron and steel are supplied from the iron works at Ostrov and Trinec, and special steel from Kladno. Coal is obtained from the Bata mines at Ratiborice and Dubnany.
3. Major recent developments at the works are as follows:
  - a. The manufacture of electric motors is being transferred from Gottwaldov to Roznov pod Radhostem, as is a part of the stocking factory. The space vacated is to be used for extending the machine shops.
  - b. A new machine shop has been built between Malenovice and Kvitkovice and has already been connected by sidings with the railroad line. The building is 280 m. long by 80 m. wide and is ready to be put into operation.
  - c. The Parik factory at Napajedla has been turned over to manufacturing gun carriages.
  - d. Oil has been discovered at Hodonin and wells are being drilled.
  - e. The Bata aircraft factory in Kunovice near Uherske Hradiste is manufacturing aircraft, type Buecker 181, fitted with Praga 4 engines. Production is one aircraft per week. This factory is also making Krajanek gliders.

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- f. The railroad station at Otrokovice is being moved, and the tracks of the railroad junction are being relaid because the present arrangement is inadequate for the traffic.
- g. The airfield at Otrokovice is being abandoned in order to make room for a new rubber factory, of which one building has already been constructed.
- h. The railroad line from Otrokovice to Gottwaldov has been double tracked, and a second track is also being laid between Gottwaldov and Vizovice. It is intended to lay a second track from Vizovice to Valaska Polanka, but because of the difficult terrain this track will not be completed for some time.

Bata Batov Works

- 4. The works employ 6,000 men, working six days a week in two shifts.
- 5. The work consist of the following principal departments:
  - a. The new tannery built in 1947 and now in full operation. The building is 200 m. long by 80 m. wide and has eight floors. Hides are imported and other chemicals from the Bata chemical works.
  - b. The old tannery which consists of four buildings and is also in use.
  - c. Weaving of copper mesh; 15,000 kg. of mesh are produced per day.
  - d. Weaving fabrics for tires.
  - e. Textile factory, producing cloth for all purposes.
  - f. Machine shops producing rubber-and leather-making machinery and large cogwheels; employs 535 men in two shifts.
  - g. Assembly shops on three floors: on the first floor are the machine shops; the second floor, assembly unit; and the third floor, maintenance and spare parts shops.
  - h. Power station equipped with three turbo-generators using black coal dust as fuel and producing enough power for the whole works. The power station is also connected with the West Moravian electricity grid.
  - i. Harbor for river traffic which can be used by Danube vessels of 100 - 150 tons travelling from the Danube down the river Morava and up the mouth of the Drevenice to the works.
  - j. Woodworking shop producing shoe lasts and wooden models.
  - k. About 400 yards north of the works is a section of the Bata chemical factory producing pure cellulose and rubber solvents used for tire manufacture and glue.

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Fatra Rubber Factory at Napajedla

- 6. The factory consists of three buildings of three floors each, and as production is to be increased, a fourth building is in process of construction. Output of the factory is principally military equipment, and a military liaison staff is attached to the factory.
- 7. Raw materials are brought via the main factory at Gottwaldov. The factory does not have its own power supply and draws its current from the Prerov power station. There is, however, a steam generating plant. The factory employs 3,000 men, of whom 340 are officials, and they work in three shifts. The night shift is only half strength.

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8. The factory produces gas masks, filters for which are manufactured by the Batov chemical works, rubber anti-gas clothing, rubber parts for shock absorbers for tanks, rubber parts for tank tracks and tractor tracks, rubber gaskets for automobiles, and various rubber parts for industrial and technical uses.

Bata Machine Tool Factory at Sezimovo Usti

9. The Bata Machine Tool Factory is located about half a kilometer from Sezimovo Usti near the railroad line to Ceske Budejovice. The factory manufactures lathes, radial boring machines and spinning machines.
10. Production is 8 lathes per day, 2 radial boring machines type R-2 per day, 1 type R-4 per day, and 1 type R-8 every two weeks. Products are exported to the USSR, Poland, Rumania, Bulgaria. 50X1-HUM
11. The factory employs 1,400 men working in two shifts, but the foundry works in three shifts. Equipment of the factory includes one electric blast furnace, one cupola oven and three Bessemer furnaces. All equipment is in good condition. Electric power is used.
12. Materials come from the following places: iron and steel from Vitkovice; Trinec and Kladno; electric motors from the MEZ Factory in Roznov pod Radhostem; 50X1-HUM
13. The principal shortages are in non-ferrous metals and ball bearings.
14. Raw materials and finished goods are transported by rail, and the factory has its own railroad sidings.

\* Comment: Bata is now known as "Svit". 50X1-HUM

- Attachments: I. Sketch showing location of Bata factories.  
 II. Sketch showing layout of Bata Gottwaldov Works, with legend.  
 III. Sketch showing layout of Bata Batov Works, with legend.  
 IV. Sketch showing layout of Patra Rubber Factory, with legend.  
 V. Sketch showing layout of Bata Machine Tool Factory, with legend.

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ATTACHMENT II

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Legend to Attachment II

- 7 Timber store, 4 floors
- 8 Store for wood veneers, 2 floors
- 11 Personnel department, 3 floors
- 12 School for apprentices, 2 floors
- 13 Machine shops, 6 floors:
  - 1st floor - metal workshop producing blades for planing machines, etc.
  - 2nd floor - machine shop producing lathes, boring and polishing machines; also spare parts store and maintenance department.
  - 3rd floor - horizontal planing machines for cogwheel manufacture.
  - 4th floor - production of models and prototypes.
  - 5th floor - production of models and filing system.
  - 6th floor - store for models and prototypes.
- 14 and 15 Shoe manufacture, 5 floors
- 16 Railroad station
- 17 Manufacture of wooden lasts
- 18 Timber drying plant, 2 floors, 8 mechanical driers
- 21 Main offices, 17 floors
  - 1st floor - card index, distributor station, switchboard, and radio station
  - 2nd floor - personnel and accounts department
  - 3rd floor - purchasing department
  - 4th and 5th floors - export-import company
  - 6th floor - shoe sales department
  - 7th floor - supply department
  - 8th floor - directors' offices
  - 9th floor - bookkeeping department
  - 10th floor - estate offices and investment department
  - 11th floor - sample showroom
  - 12th floor - building department
  - 13th floor - electro-technical department
  - 14th floor - patents department
  - 15th floor - technical and traffic offices
  - 16th floor - elevator machinery
  - 17th floor - terrace
- 22 Shoe manufacture, 2 floors
- 23 Shoe and tire store, 3 floors
- 24 and 25 Shoe manufacture, 5 floors
- 26 Shoe-cutting shops, 1½ floors
- 31 Leather store, 3 floors
- 41 Machine store
- 42 Manufacture of rubber shoes
- 44 Manufacture of rubber shoes, 5 floors
- 45 Manufacture of rubber shoes, 6 floors
- 46 1st floor - reclaimed-rubber plant
  - 2nd and 3rd floors - manufacture of triangular section rubber driving belts and tires

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## ATTACHMENT II

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- 51 Machine store, export-import company, 3 floors
- 52 Advertising department,  $1\frac{1}{2}$  floors
- 53 Rubber rolling mills for reclaiming raw rubber
- 54 and 55 Manufacture of rubber shoes, 3 floors:  
1st floor - rubber rolling mills
- 61 Store for iron rods
- 63 Administration building and laboratories, 4 floors
- 64 1st floor - manufacture of shoes  
2nd floor - dining room  
3rd floor - store  
4th floor - apprentices workshop  
5th and 6th floors - draftsmen's offices
- 65 Rubber research and testing department, 6 floors
- 71 Machine shops, 3 floors, each having 28 lathes
- 73 Machine shops with 400-ton hydraulic press, lathes and boring machines
- 74 Machine shops, planing and boring machines and 5-ton crane
- 75 Machine shops, 3 floors, each floor with 30 lathes
- 81 Machine shops,  $1\frac{1}{2}$  floors
- 83 Chromium-plating and rust-proofing department, also steel hardening department, with 4 gas furnaces
- 84 Assembly shop in process of being extended by 120 sq. m.
- 91 1st floor - steel research  
2nd floor - manufacture of cogwheels  
3rd floor - workshop  
4th floor - manufacture of needles  
5th floor - manufacture of tire tubes
- 93 Metal workshop with compressed air automatic hammer
- 114-115 Manufacture of small tire parts
- 116 Oil and dye store
- 117 Building machinery workshops
- 123 1st and 2nd floors - cement store  
3rd, 4th and 5th floors - electric motor repairs
- 124 Rubber factory, manufacturing driving belts from 25 cm to 1 m in width, and insulated flooring
- 125 Motorcycle tire factory
- 126 Rubber and dye store
- 127 New building for rubber factory
- 133 Rubber factory
- 134 Tire factory
- 135 Tire factory
- 136 Iron store

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ATTACHMENT II

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- 137 Storehouse, 5 floors:  
 1st floor - electrical equipment  
 2nd floor - iron building materials  
 3rd floor - machinery  
 4th floor - office furniture  
 5th floor - ball bearings
- 142 Foundry annex with lathe having horizontal faceplate
- 143 Main foundry: electric blast furnaces with capacity of 5,400 kg in 24 hours; 4 cupola ovens for steel castings, capacity 6,000 kg in 24 hours; 1 furnace for tempered steel; 6 Bessemer furnaces, capacity 300 kg in 24 hours; machinery for cleaning and polishing castings; 2 cranes. This main foundry is being extended up to the river bank.
- 152 Stocking factory, 3 floors, in process of being moved to Roznov pod Radhostem
- 153 Small foundry for steel castings with 2 cupola ovens and 3 gas ovens
- 154 Stocking factory
- 155 Dyeing plant, 2 floors
- 162 3rd and 4th floors - stocking factory and stores
- 163/4 Stocking factory
- A Fire-fighting station
- B New 17-floor building under construction, intended to be a main storehouse for finished products
- C Ambulance station
- D Movable crane
- E Power station: 6 turbo-generators producing  $2\frac{1}{2}$  times the amount of power required by the works, the surplus being diverted to the Prerov power station
- F Coal bunkers
- G New gasworks supplying all Gottwaldov and which have recently started operating
- H Gasometer
- K Firing shed for 6 railroad engines
- J Water cooling towers
- M Main entrance
- N Emergency entrance
- P Metal workshop

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ATTACHMENT III

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Legend to Attachment III

1. Directors' offices, 2 floors
2. Administration building, 2 floors
3. Manufacture of shoe polish
4. Manufacture of shoe laces
- 5 & 6 Paper mills
- 7 & 8 Textile factory
9. Woodworking
10. Manufacture of copper mesh, 4 floors
11. Timber store
12. Transformers
13. Timber store
14. Manufacture of shoe lasts
15. Cotton store
16. Workers' dwellings
17. Assembly shop
18. Workshop
19. New tannery
20. Machine shops
21. First aid station
22. Store for tanning bark
23. Leather drying
24. Power station
25. Harbor
26. Textile store
- 27 & 28 Old tannery
29. Fire-fighting station
30. Machine shop
31. Tire cording
32. Leather store
33. Refrigerator for 1,000 pigs
34. & 35 Old tannery
36. Main entrance

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ATTACHMENT IV

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Legend to Attachment IV

1. Administration and military offices
2. 1st floor - reclaiming of old rubber  
2nd floor - rubber mixing  
3rd floor - workshops
- 3 & 4 1st floor - rubber mixing  
2nd and 3rd floors - workshops
5. Workshops, stores and fire-fighting station
6. New workshops under construction
7. Coal bunker
8. Boiler house and transformers
9. Finished products store and store for raw materials
10. Store for inflammable materials
11. Railroad station
12. Railroad sidings
13. Porter's quarters

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ATTACHMENT V

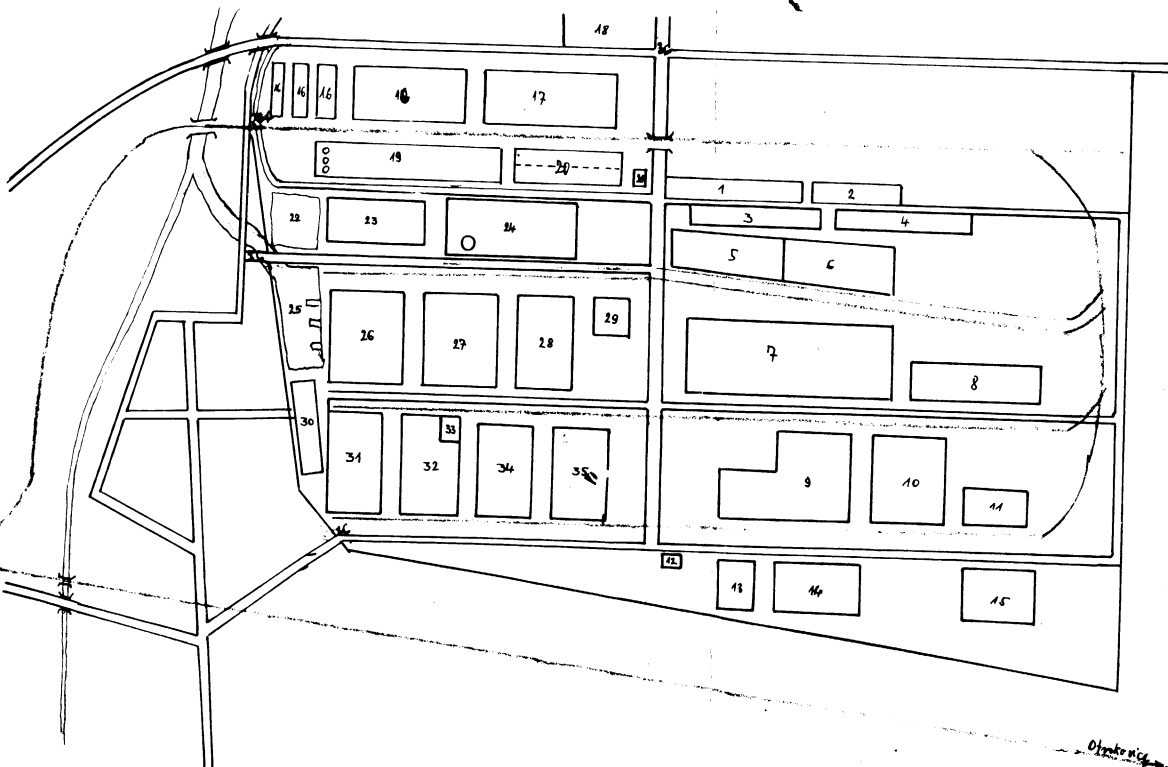
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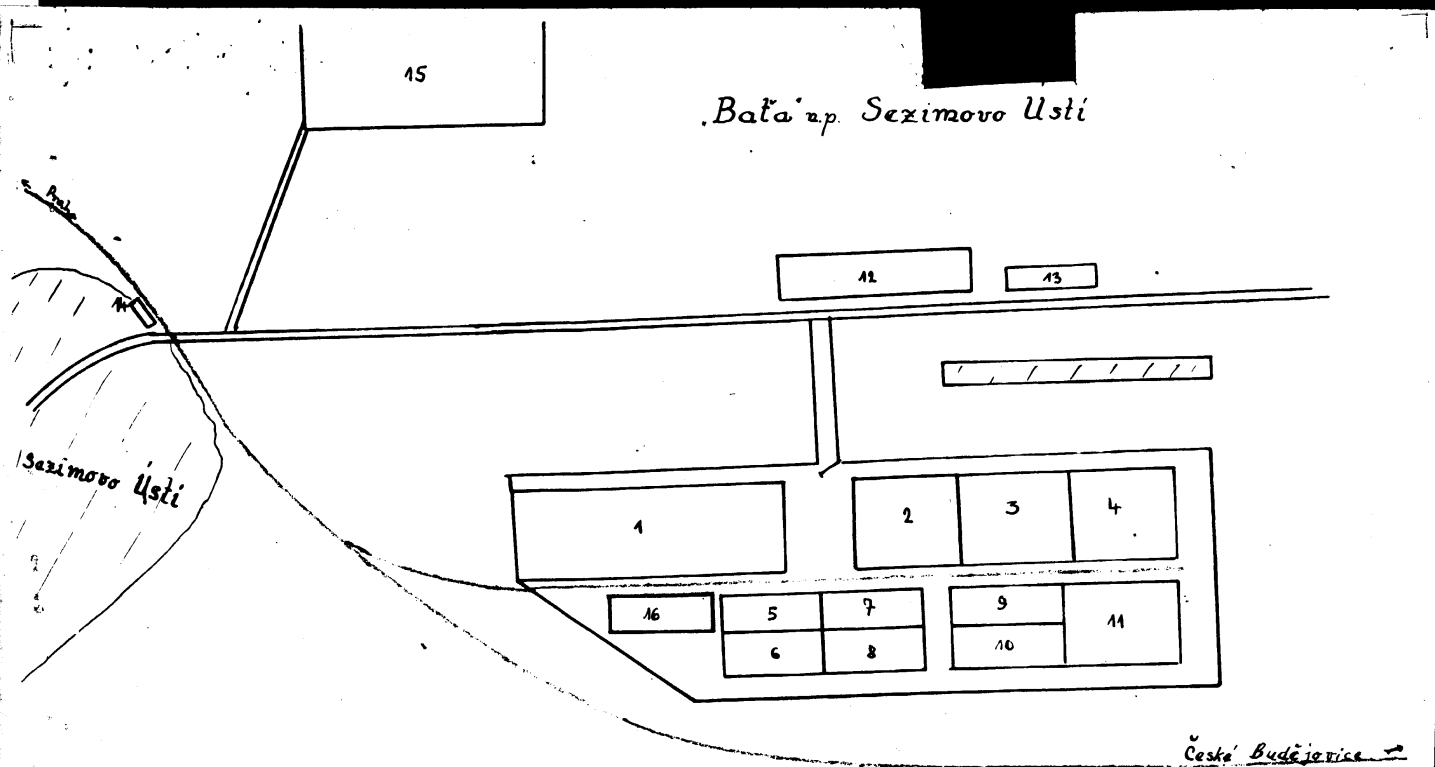
Legend to Attachment V

1. Administration building - 5 floors:  
1st floor - control and maintenance  
2nd floor - Directors' offices  
3rd floor - manufacture and store of models  
4th and 5th floors - manufacture of spinning machines.
2. Spinning machine assembly shop
- 3 & 4 Machine shops
5. Lathe assembly shop
6. R-4 lathe assembly shop
7. R-2 lathe assembly shop
8. R-8 lathe assembly shop
9. Machine shops
10. Cleaning of castings
11. Foundry
12. Sales department
13. Inn
14. Sezimovo Usti station
15. Airfield
16. (not identified)

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Bata m.p. Olrokovica - Bašov





*"fatra" n.p. továrna na gum. vje. Napajedla.*

